

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48374

A 47931

DISTRICT _____

DATE 7/28/92

DATE SYSTEM APPROVED 9/10/92

INSPECTOR CW

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

William Wall Jr

IS PERMITTED TO INSTALL X ALTER _____

ADDRESS _____ PHONE 796-7535

SUBDIVISION Talbot's Last Shift LOT 8D ROAD 5160 Talbot's Landing

PROPERTY OWNER Stacie Wall & Stephen Helwig

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

240 SQUARE FEET PER BEDROOM

PUMPED SEPTIC SYSTEM:

Install: 1000 gal. pump pit (600)

Dual effluent pumps with controls and alarms.

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 1 foot below original grade. Bottom maximum depth 3 feet below original grade. Effective area begins at 1 foot below original grade. 2 feet of stone below distribution pipe.

LOCATION - From the right-front lot corner, place the distribution box 285 feet down the front lot line and 20 feet off that lot line. Run trenches of equal length along contour toward left side of property, making certain that no part of any trench is closer than 100 feet to any water well.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/20/92 RP

PLANS APPROVED BY C. Williams DATE 5/29/92

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

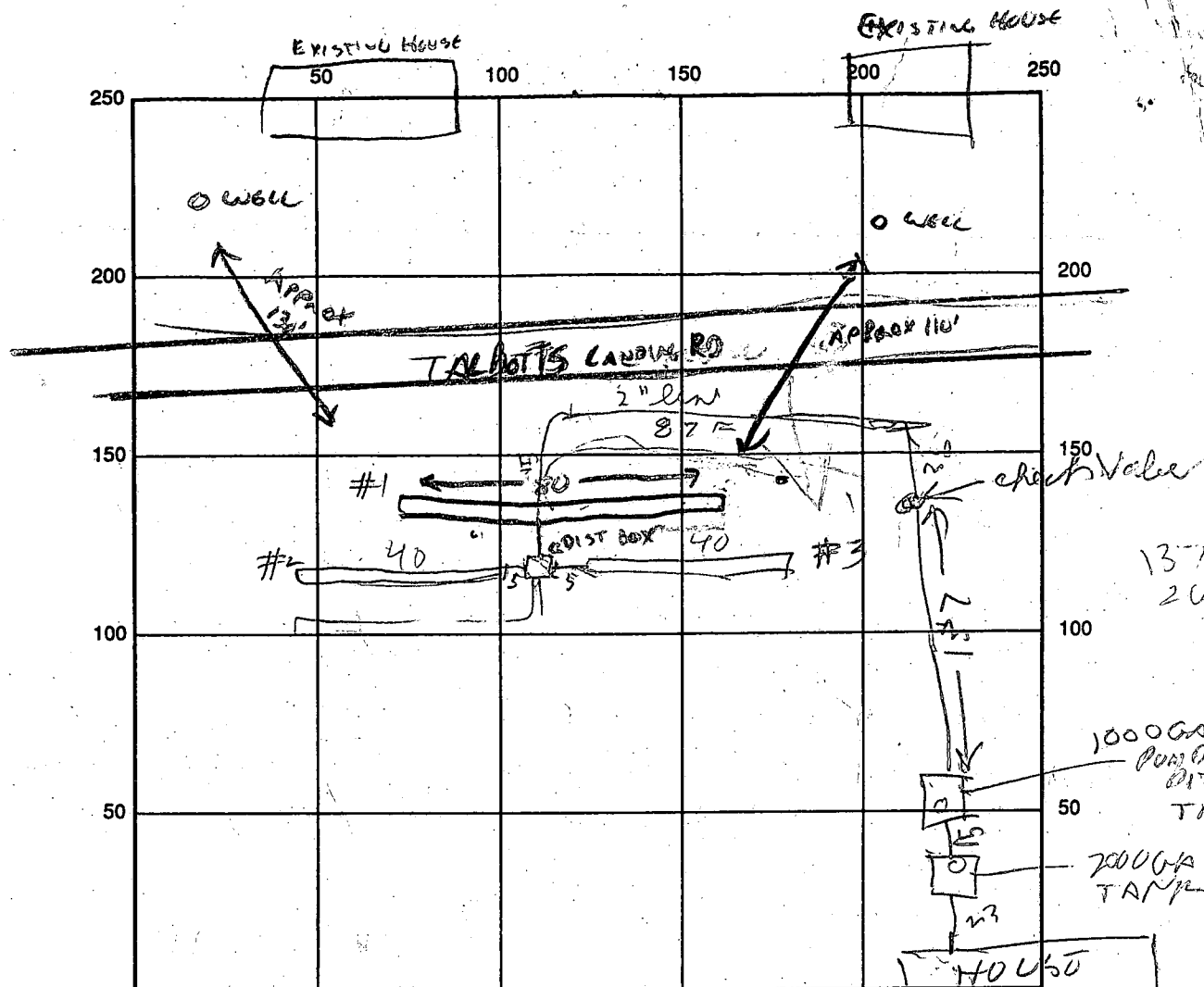
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A 47931



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL TANK PUMP PIT
2000 1000

CLEANOUTS _____

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH 5/4 FT.

TRENCH WIDTH 3/3/1 FT.

INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT.

TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____

ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT.

EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 7/30/92 1ST TROUCH OK; TANK, DISTRIBUTION BOX, SUPPLY LINE LOCATIONS DISCUSSED. C.W.

7/31/92 ^{10PM} COVER TRENCH #1 & #2 FINISH #3 7/31/92 ^{3PM} COVER TRENCH

#3. HOOK SEWER TO HOUSE @ RH 8/5/92 - HOUSE SEWER OK. INSTALL
PUMPS RH

9/10/92 OWNER INSTALLED PUMPS - REPORTS OPERATIONAL. C.W.

DATE SYSTEM APPROVED 9/10/92

INSPECTOR CWILLIAMS

HO 92-0082

APPLICATION

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE. 461-9933

PAVIEW OK
SEPTIC AREA PROPOSED FOR
W/TRANSMISSION LINE EASEMENT
PROPERTY OWNER ALREADY POSSESSED
APPROPRIATE AUTHORIZATION
FOR ACCESS AS ESTABLISHED
FOR LOT 8A.

A 47931
P _____
1st
DATE 3/16/92

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Stephen J. & Margaret M. Helwig

ADDRESS 5188 Talbots Landing, Ellicott City, MD 21042 PHONE (410) 788-1932

PROSPECTIVE BUYER Robert & Stacie Wall

ADDRESS 6387 Old Washington Blvd., Elkridge, MD. 21227 PHONE (410) 536-1405

PROPERTY LOCATION:

SUBDIVISION Talbots Last Shift LOT NO. 8-D

ROAD AND DESCRIPTION Right side of Talbot's Landing, approximately 1400' plus/minus S.E. of Ilchester Road. (5760 Talbot's Landing)

TAX MAP 31 PARCEL # P/O P. 692

SIZE OF LOT 4.9 acre plus/minus TYPE BLDG Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Stacie Marie Wall
(SIGNATURE OF APPLICANT)

APPROVED BY C Wall FOR SHALLOW TRENCHES DATE 5/12/92

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING PLAT REQ'D BEFORE DECISION - CW 4/16/92

BLDG. PERMIT SIGNED

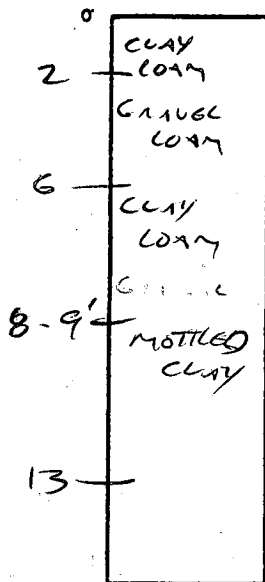
AND RETURNED 6/24/92

Serial 43973 SPD

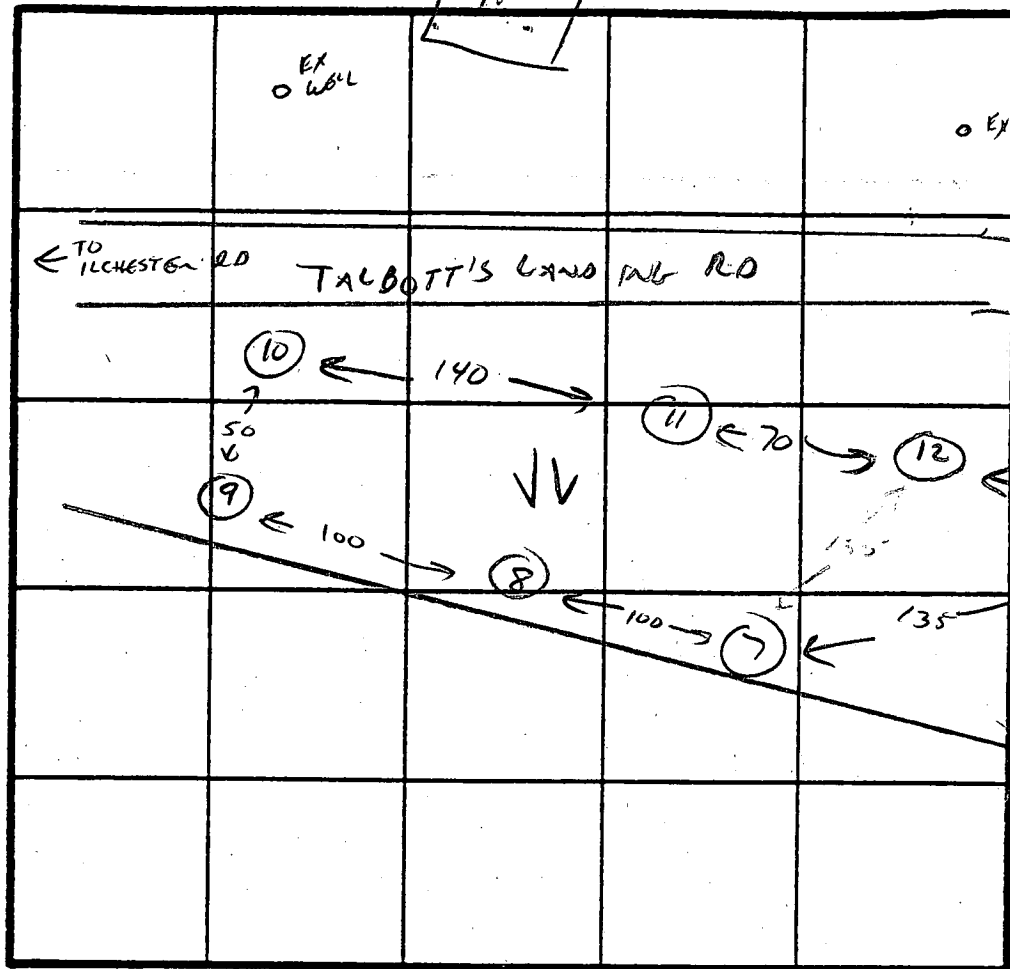
THIS IS NOT A PERMIT

47 #10 #11 #12

SOIL PROFILE



#8 #9
MOTTLED CLAY



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/16/92	7	3 1/2' (8' total)	1:57 LITTLE	1:39 PENC	1:39	1:45	4 MIN
		13					
	8	2'	YELLOW	CLAY	- MOTTLED	-	FAILS
	9	3'	CLAY	AT 3'	- MOTTLED	-	FAILS
	10	4' (8' total)	2:14 SLOW	2:15	2:15	2:16	1 MIN
	11	5'	1:45 OBVIOUS	1:58 CLAY, MOTTLED	1:58	2:15	OR 13 MIN
		7' (13' total)					
	12	3 1/2' (9' total)	1:31 1:34	1:32 LITTLE PENC	1:32	1:34	2 MIN
		13	CLAY				

REMARKS POSSIBLE FOR VERY SHALLOW SYSTEM - PLAT & SEATIL DESIGN REQ'D.

TYPE OF SOIL GRAVEL LOAM SHALLOW / MOTTLED CLAY BELOW 6 OR 8'

TESTED BY C. Waller

ALSO PRESENT B. BUNTON
ROST WALL
S. HOLWIC

4/15/92

APPLICATION

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

*PERVIEW OK
SEPTIC AREA PROPOSED FOR
TRANSMISSION LINE EASEMENT
PROPERTY OWNER ALREADY POSSESSES
APPROPRIATE AUTHORIZATION
FOR ACCESS AS ESTABLISHED
FOR LOT 8A.*

A 47931
P _____
DISTRICT 1st
DATE 3/16/92

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ELLICOTT CITY, MARYLAND

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PROPERTY LOCATION:

SUBDIVISION Talbots Last Shift LOT NO. 8-D

ROAD AND DESCRIPTION Right side of Talbot's Landing, approximately 1400' plus/minus S.E. of
Ilchester Road.

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SIZE OF LOT 4.9 acre plus/minus TYPE BLDG Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

A47931

③⑤
SOIL PROFILE

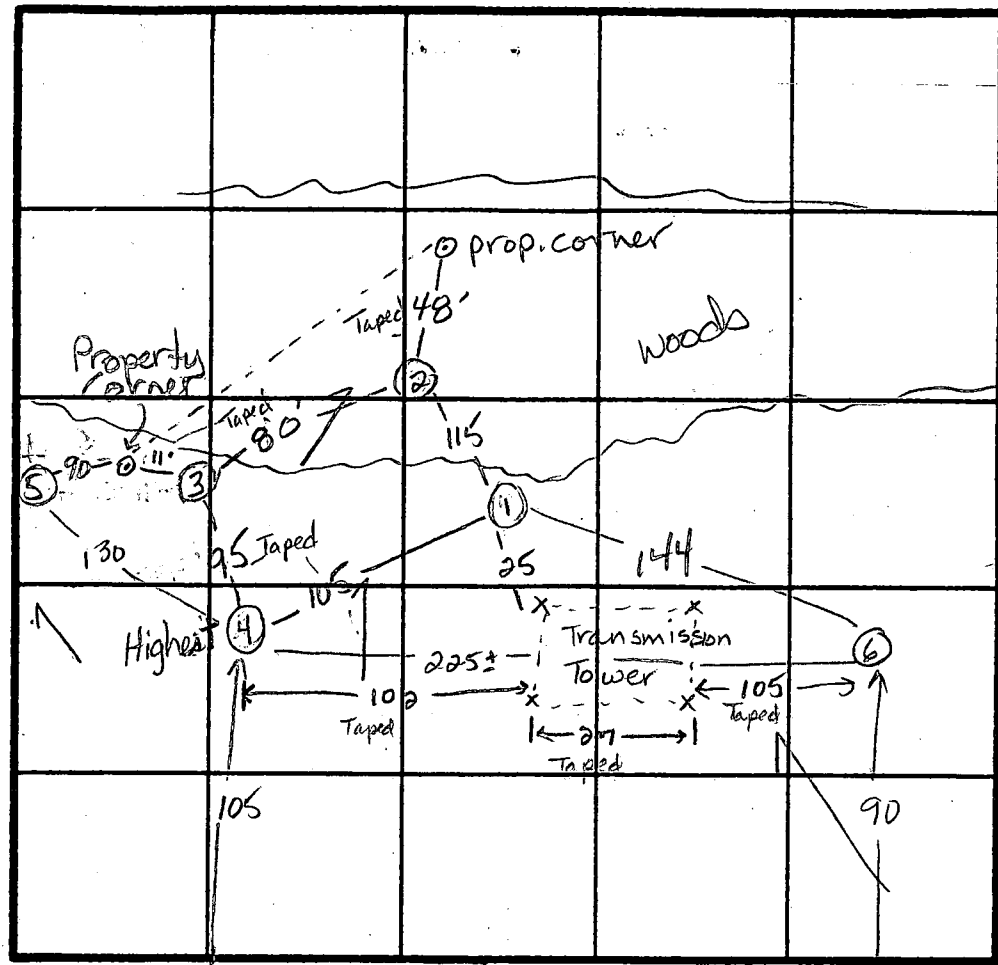
0-1.5 Dk br si
c/m-topsoil
1.5-3.5 Yellow-red
si c/m
3.5-13.5 Tan-yellow
si s/m
Gray mottles
throughout
at 7.0 ft
13.5 Bottom

④

0-2.0 Dk-br si
c/m-topsoil
2.0-8.5 Yellow-red
si c/m
Trace of mottles
8.5-12.0 Tan-yellow
mottled
c s si/m
Gray Mottles
at 8.5 ft to
bottom
12.0 Bottom

②

0-4.0 Dk br si
c/m
4.0-6.5 Brown
si c/m
6.5- Red-br
c s si/m
Gray-tan
mottles at
10.5 ft
Bottom



①
0-1.5 Dk br si
c/m-topsoil
1.5-4.0 Br si c
m
4-14.0 Yellow-br
mottled
s e si
1m, trace
of mottles
at 5.5 ft
Mottles
throughout
at 7.5 ft
14.0 Bottom

CL 20' - 1" INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/15/92	4	6.0 S 12.0 D	11:07 Mottles at 5.5 ft	11:14 and	11:14 8.5 ft	12:03	54 min Fail
	3	5.5 M 12.0 D	11:01 Mottles at 7.0 ft	11:27	11:27	12:05	38 min Fail
	2	5.0 M 13.0 D	11:15 Mottles at 10.5 ft	11:53	11:53	12:55	62 min Fail
	1	3.5 S 7.0 M	12:12 12:13	12:39 2:13	12:39 7/8 in ±	1:44	65 min 120 min
		Mottles at 6.5 ft in pit hole	Trace of Mottles at 5.5 ft				Fail
		14.0 D	Mottles at 7.5 ft				
	4	1.5 S	11:58	12:58	12:58	2:35	slow
	5	4.0 S	1:48	3:18	No movement		slow
		13.5 D	Bottom	Trace of mottles at 5.5 ft			Fail
✓		Yellow c-si	3.5-8.0	8.0-13.5	Tan-gray		

REMARKS slow soils, heavily mottled at shallow depths.

TYPE OF SOIL

TESTED BY Jane E. Nadeau

ALSO PRESENT Bruce Burton
Stacie & Bobby Wall
Mr & Mrs Helwig

APPLICATION

PERCOLATION TESTING

A 47931

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Helwig

ADDRESS 5188 Talbots Landing Rd PHONE 788-1932

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Talbots Last Shift LOT NO 8-D

ROAD AND DESCRIPTION Talbots Landing Road

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

A 47931

⑥

SOIL PROFILE

0-2.0'

Ok br
s1 c1m

2.0-4.5

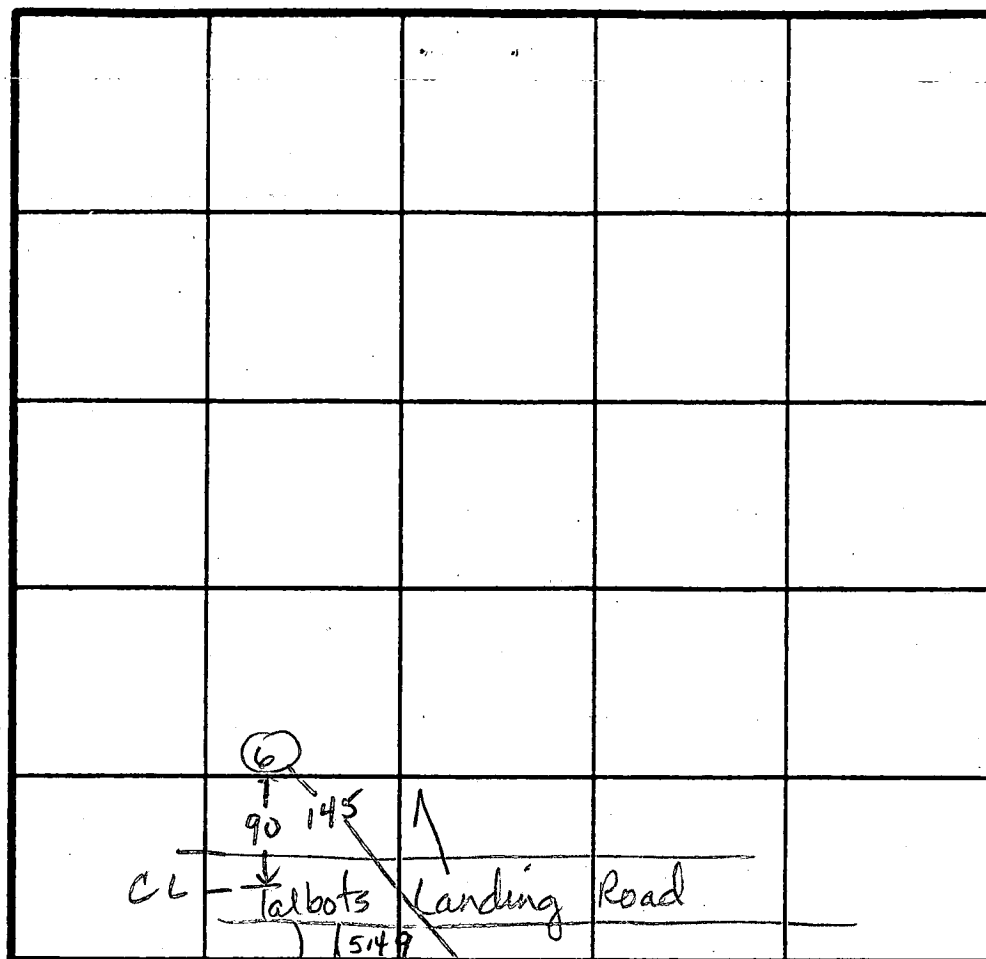
Red. c
s1 1m,
gravelly
20%

4.5-12.5

Yellow c
s1 s1m
some
mottles
at 6.0 ft

12.5

Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

⑥ HO-81-0160

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-15-98	6	3.5 S	2:37	2:37:34	2:37:34	2:38:32	58sec
		Retest S	2:39:02	2:39:02	2:40:24	2:42:05	1min 41sec
		7.5 M	3:06	3:36	No movement		slow
		12.5 D	Bottom	Mottles at 6.0 ft			
		1.5 S	2:55	3:07	3:07	3:32	25min

REMARKS

All holes contain heavy mottles at shallow depths except #6. #6 has a high gravelly layer about 2 ft above some mottles.

TYPE OF SOIL

TESTED BY

L. Naderian

ALSO PRESENT

Bruce Burton
Bobby & Stacie Wall



COUNTY